

9. HISTORICAL DATA

8. USGS QUAD. Hatboro, PA.

UTM's: Zone 18

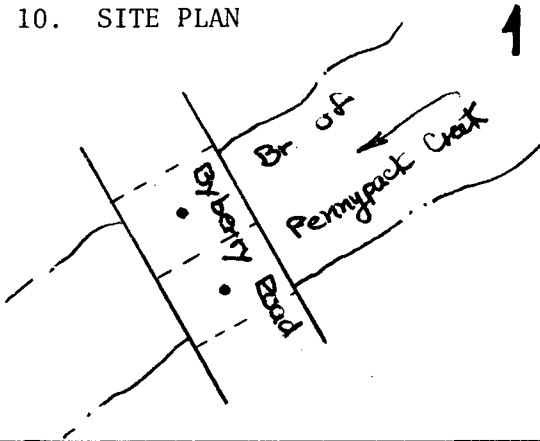
E	4	9	3	6	1	0
N	4	4	4	5	1	0
E						
N						

Designer/Engineer: Unknown

Builder/Contractor: Unknown

Bridge Company: Unknown

10. SITE PLAN



Date(s): 1828 ; basis

Plaque on Bridge

1858 ; basis

Plaque on Bridge

_____ ; basis

_____ ; basis

Use: Veh. present; Veh. original.

11. INTEGRITY

- altered; 1858
- unaltered; _____
- moved; _____

Explain:
 Bridge has been repaired

12. VIEW

no.

PHOTO

13. COMMENTS

Unusual features:

Locale/environment:

Residential & Business, Park; Good stone arch (R.R. under-pass) N.W. of bridge

Machinery (describe/identify type/equipment):

14. DIMENSIONS

spans: 2 no., 75 ft. O/A

main: 2 no., 12 ft. EA

secondary: _____ no., _____ ft.

approach: _____ no., _____ ft.

piers: _____ no.

towers: _____ no., _____ ft.

1. County: Montgomery

2. Municipality: Bryn Athyn Bor.

3. Structure No.: 461100216001059118

4. Survey Code: 811 S-40

5. Present Name: Bryn Athyn-Lower Moreland Bridge

6. Other name (historic name if any): L. Moreland Twp.

7. Crossing: Byberry Road over Br. Pennyback Creek

15. TYPE

CHARACTERISTICS

Truss: continuous/cantilever:

- webbing: _____.
- anchor span: _____.
- cantilever span: _____.
- suspended span: _____.
- thru/deck/low (pony): full-slope/half-hip.
- connections: pin/riveted.
- eyebars: loop welded/die forged.
- railing: _____.
- columns: _____.

Arch: masonry/metal:

- thru/deck/1/2-thru.
- fixed (hingeless) /1/2/3-hinged.
- ribs: solid/braced; crescent/parallel.
- spandrels: open/solid/braced.
- intrados/vault; ribbed/solid.
- shape: semi-circular/elliptical/segmental; stilted.
- skew

Suspension:

- stiffening: braced-chain (1/2/3-hinged) /suspended truss.
- wire cable: twisted/parallel.
- eyebar chain.
- back-stay: straight/curved.

Bascule:

- single/double leaf.
- rolling lift: Schertzer.
- trunnion: simple (Chicago) /multiple (Strauss).
- counterweights: heel/overhead.
- Page/Rall.
- semi-lift/direct lift.

Swing:

- bearing: center/rim/combination.
- (see Truss above).

Vertical Lift:

- (see Truss above).

Other:

- other: _____.

16. MATERIALS (primary)

Superstructure	type	treatment/finish	source
main span:	Masonry	Random	_____.
towers:	_____	_____	_____.
railings:	_____	_____	_____.
Substructure			
piers:	Masonry	Random	_____.
abutments:	"	"	_____.
wings:	"	"	_____.
intrados/ribs:	"	Gunitite	_____.
vousoirs:	"	_____	_____.

17. PHOTO NO's.
06-51 (13-17)

18. PREPARED BY: _____ Dist. 6-8
AGENCY/ORGANIZATION: _____
; DATE: 11-10-82

Survey Number: S-40

Bridge Name and Address: Bridge between Bryn Athyn Borough
and Lower Moreland Township
L.R. 26
Montgomery County

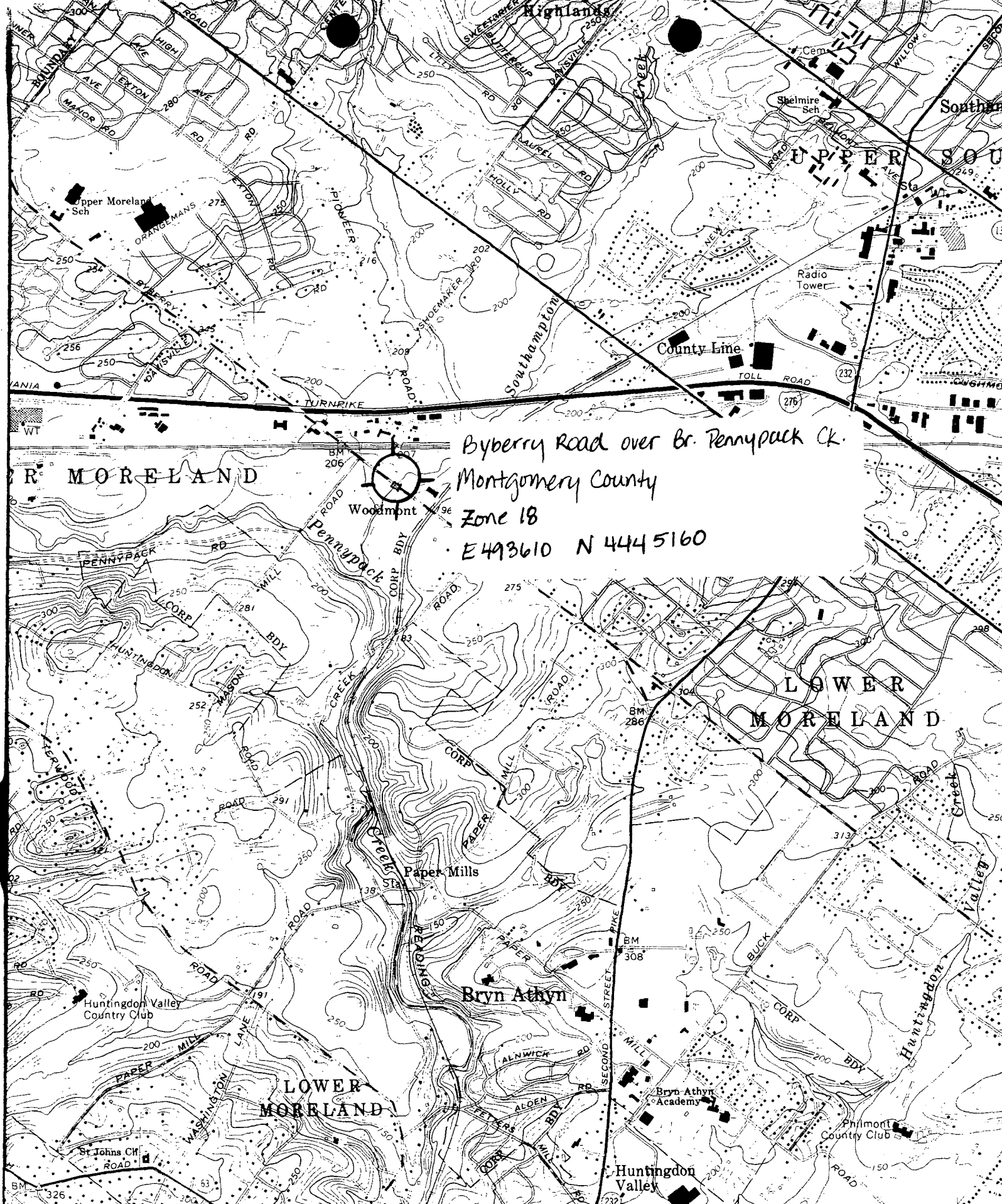
Owner: Commonwealth of Pennsylvania
Department of Transportation
Transportation & Safety Building
Harrisburg, Pennsylvania 17120

Statement of Significance: The bridge between Bryn Athyn
Borough and Lower Moreland Township
is a good example of a nineteenth
century stone highway bridge in
Pennsylvania. The bridge was built
of semi coursed, roughly squared
stones; two plaques in the parapet
walls describe the bridge's
history: built in 1828 and 1858.
The semi-circular arches are
extemely small, spanning on 12
feet. With its small spans,
roughly squared stones and
excellent integrity, it is a fine
example of early and mid-19th
century multi-span stone bridges in
the nominated group.

Area of Significance: Engineering.

Boundary Description: The nominated property consists
of a 75 feet long by 25 feet
wide rectangle whose vertices
coincide with the outside corners
of the bridge's wing walls, and
includes only bridge superstructure
and substructure.

Acreage of Nominated
Property: Less than one acre.



Byberry Road over Br. Pennypack Ck.
 Montgomery County
 Zone 18
 E 493610 N 4445160